

# **OE ENERGY MARKET SNAPSHOT**

## **National Version – October 2007 Data**

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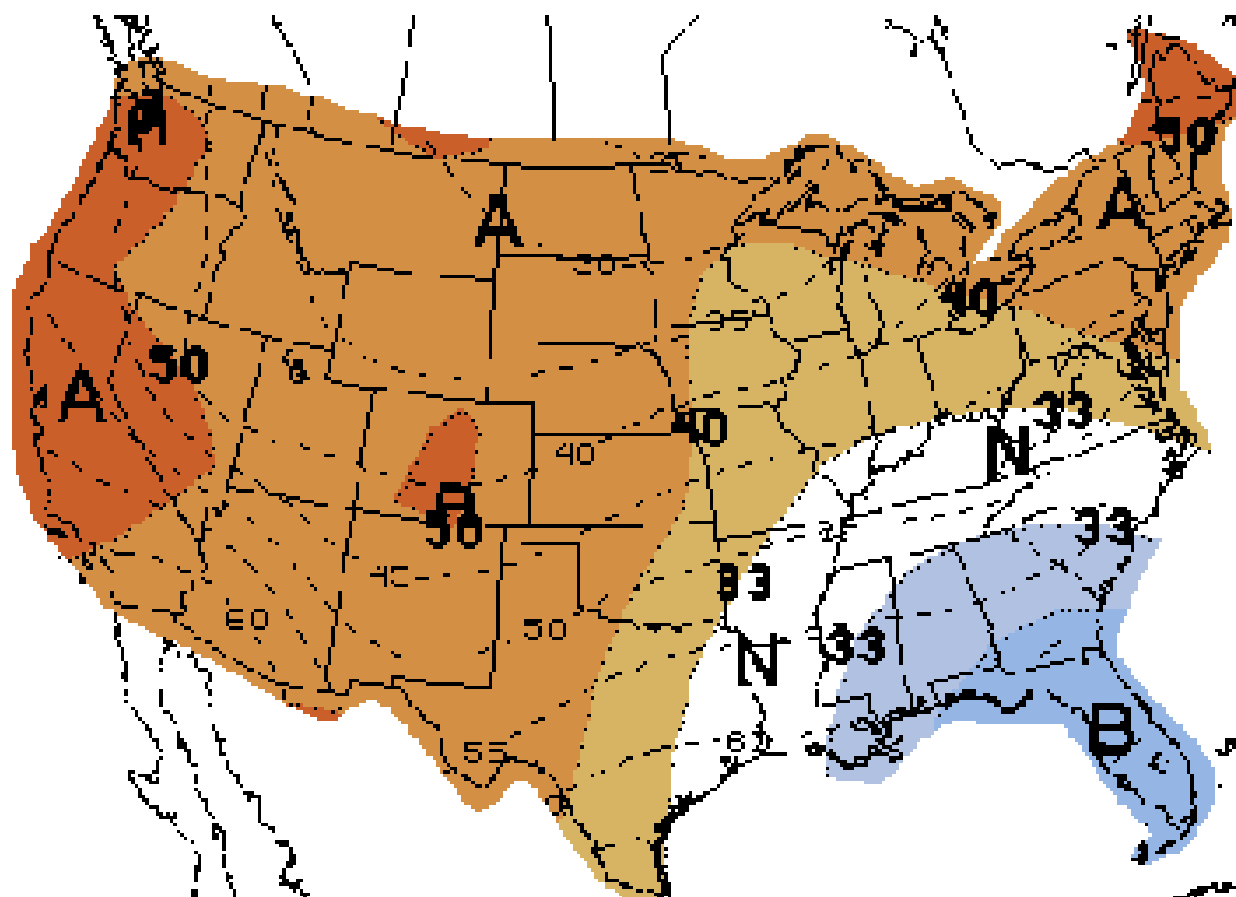
- **Market Fundamentals**
- **Prices and Market Analysis**

Office of Enforcement  
Federal Energy Regulatory Commission  
November 2007

A decorative graphic consisting of several red lines. A vertical line on the left side is intersected by a horizontal line that spans across the page. There are multiple parallel lines in both directions, creating a cross-like pattern with a blurred, motion-like effect.

# Market Fundamentals

## NOAA's 8 to 14 Day Temperature Forecast Made November 4, Valid for November 12-18, 2007



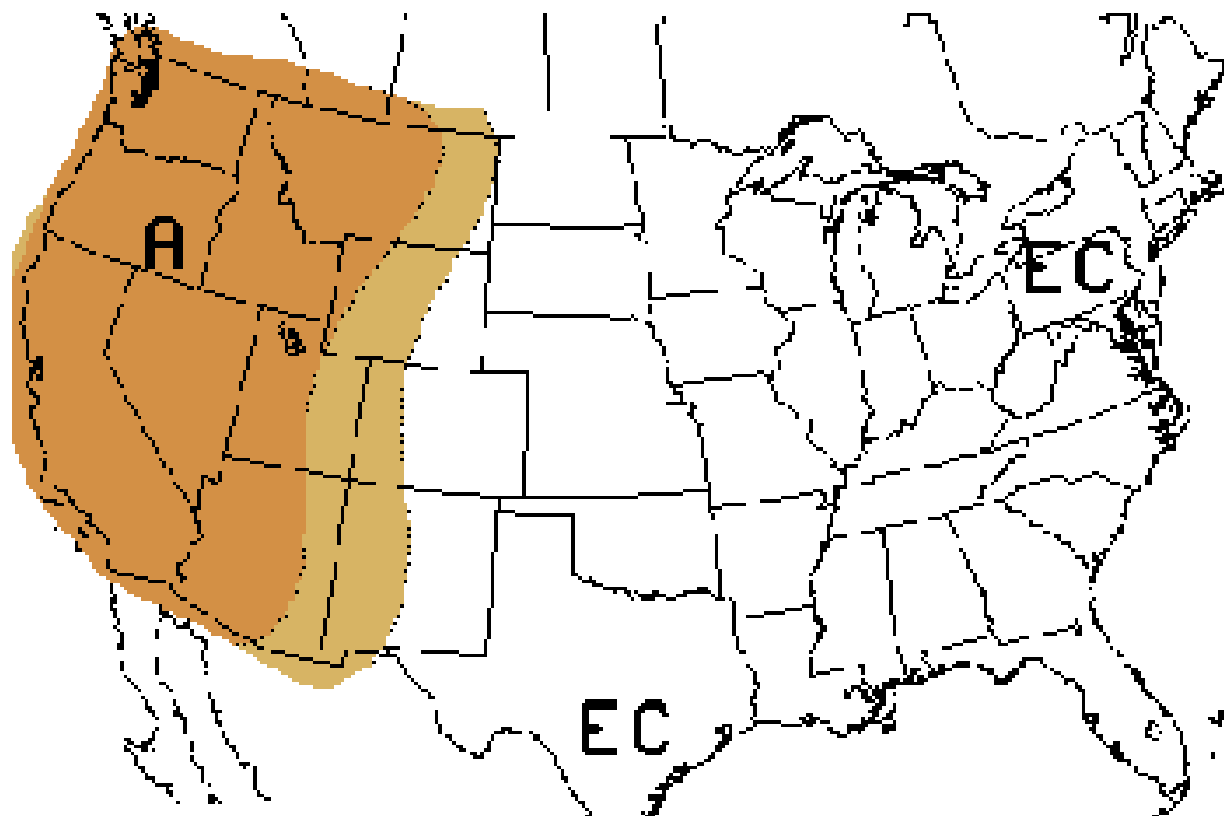
Note: "A" areas are above normal and "B" areas are below normal.

Source: NOAA

Updated November 5, 2007

3012

## NOAA's Monthly Temperature Forecast Made October 31, Valid for November 2007



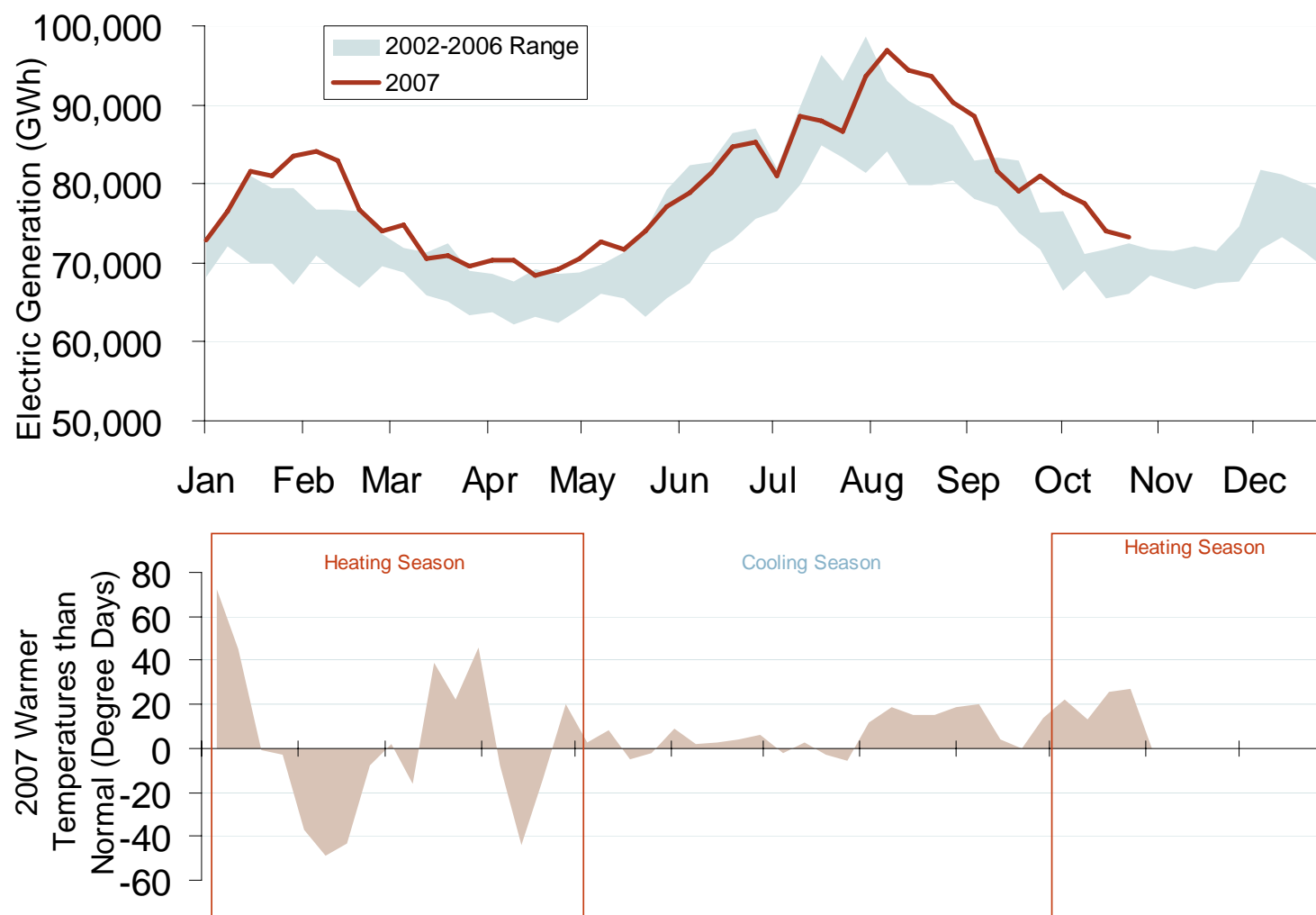
Note: "A" areas are above normal, "B" areas are below normal and "EC" means equal chance.

Source: NOAA

Updated November 5, 2007

3012

## Weekly U.S. Electric Generation Output and Temperatures

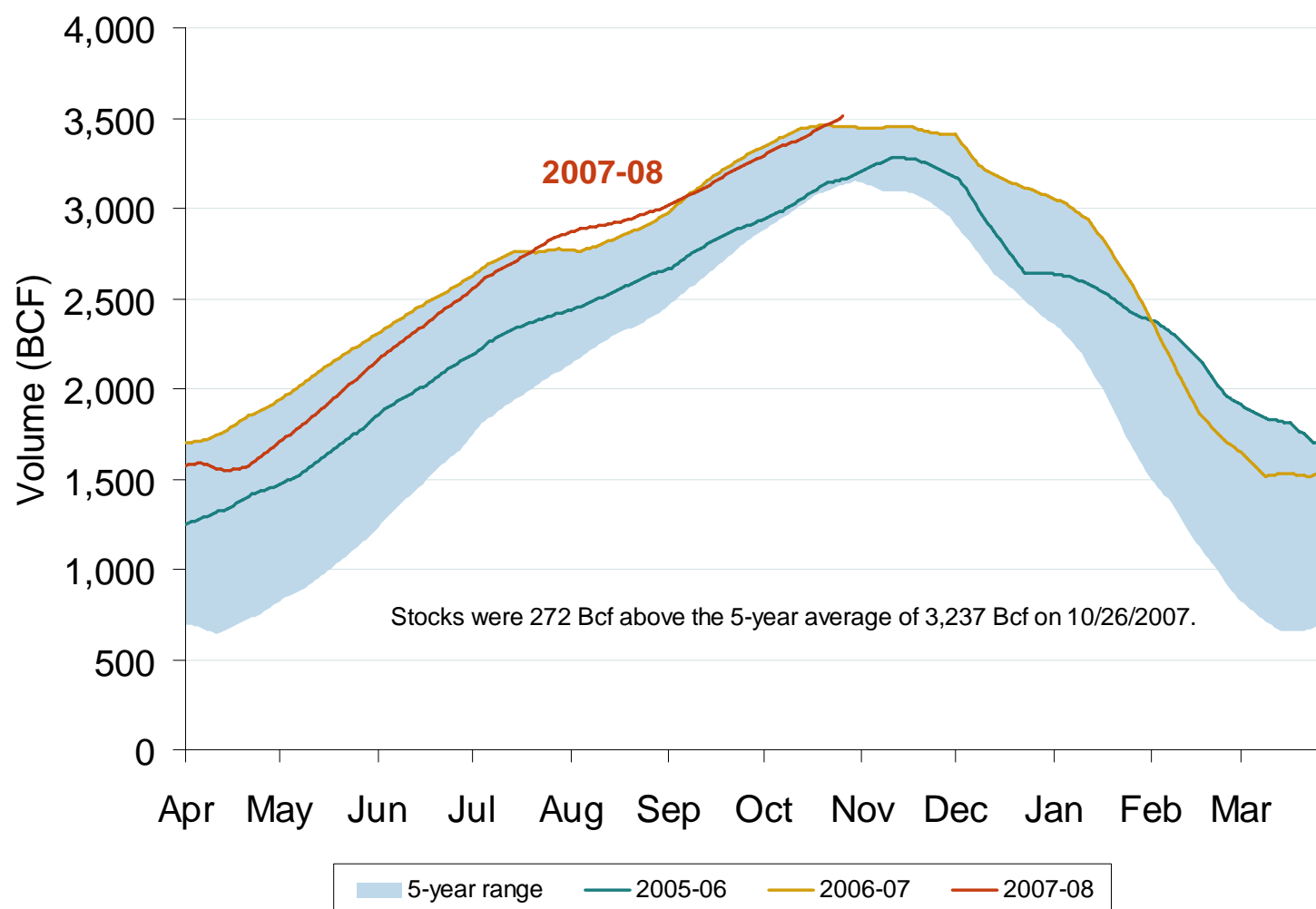


Source: Derived from *EEl* and *NOAA* data.

Updated November 2, 2007

1110

## Total U.S. Working Gas in Storage

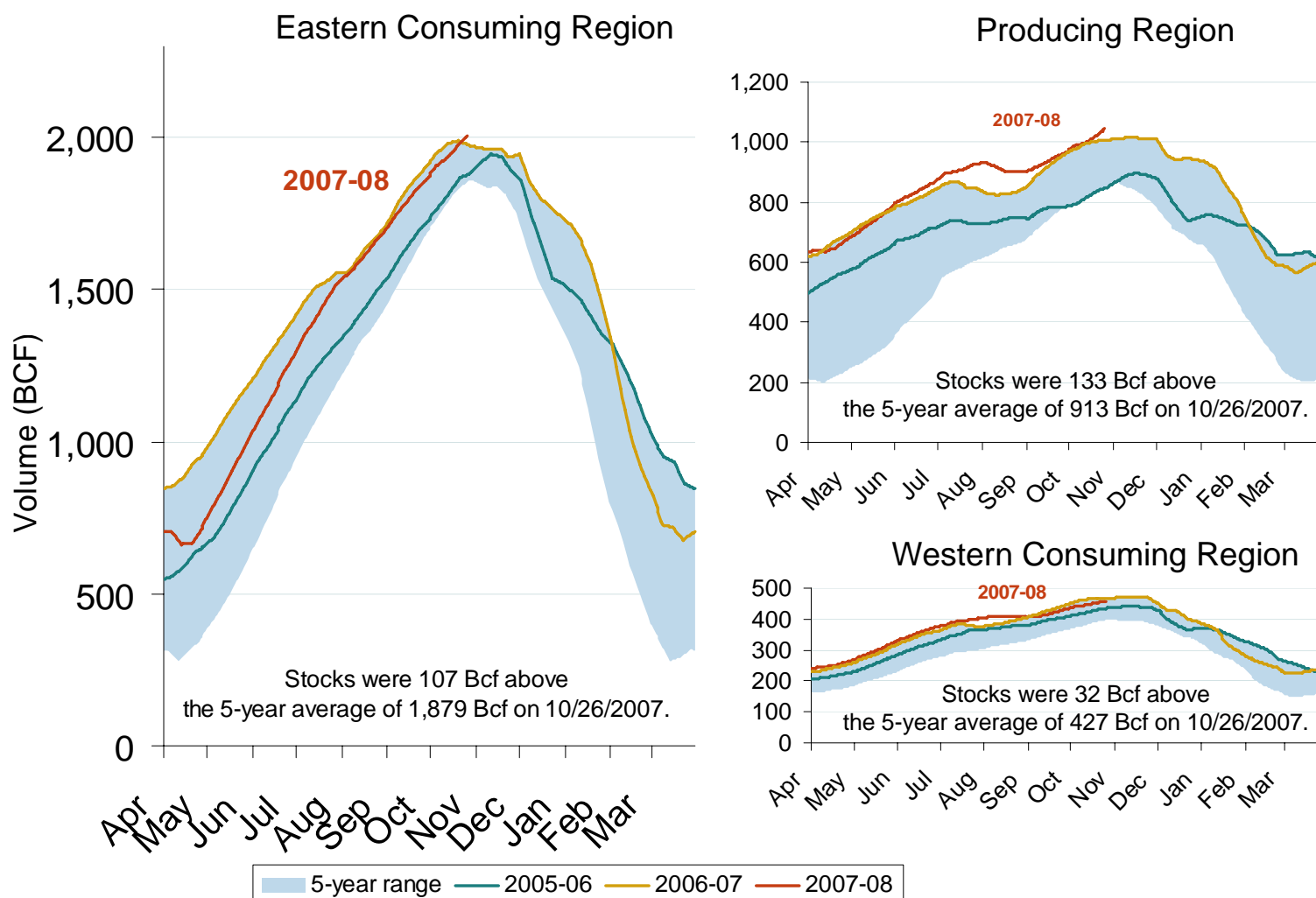


Source: Derived from EIA data.

Updated November 2, 2007

2003

## Regional Totals of Working Gas in Storage

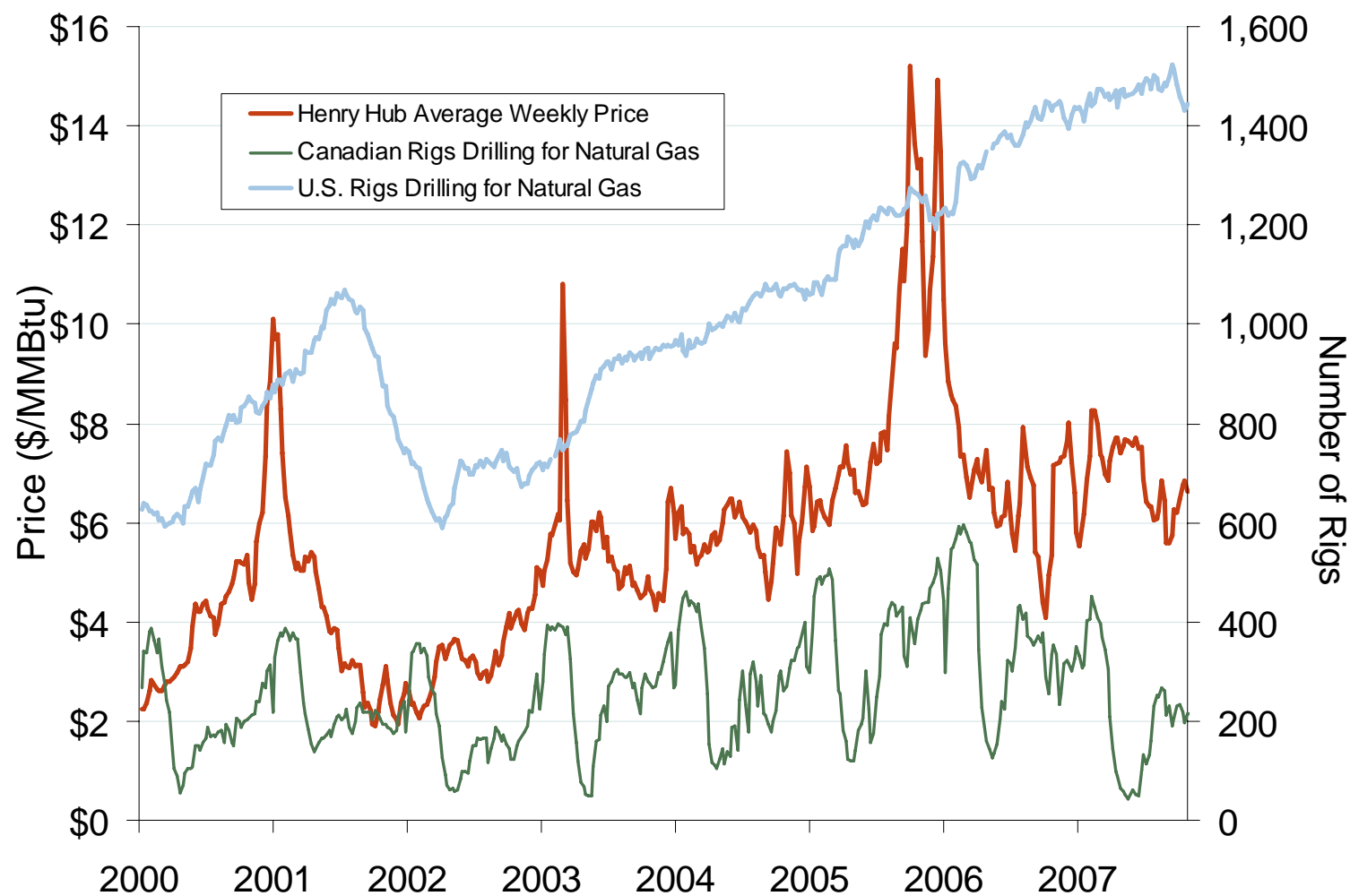


Source: Derived from EIA data.

Updated November 2, 2007

2004

## U.S. and Canadian Natural Gas Drilling Rig Count and Daily Spot Prices



Source: Derived from *Platts* and *Baker Hughes* data.

Updated November 2, 2007

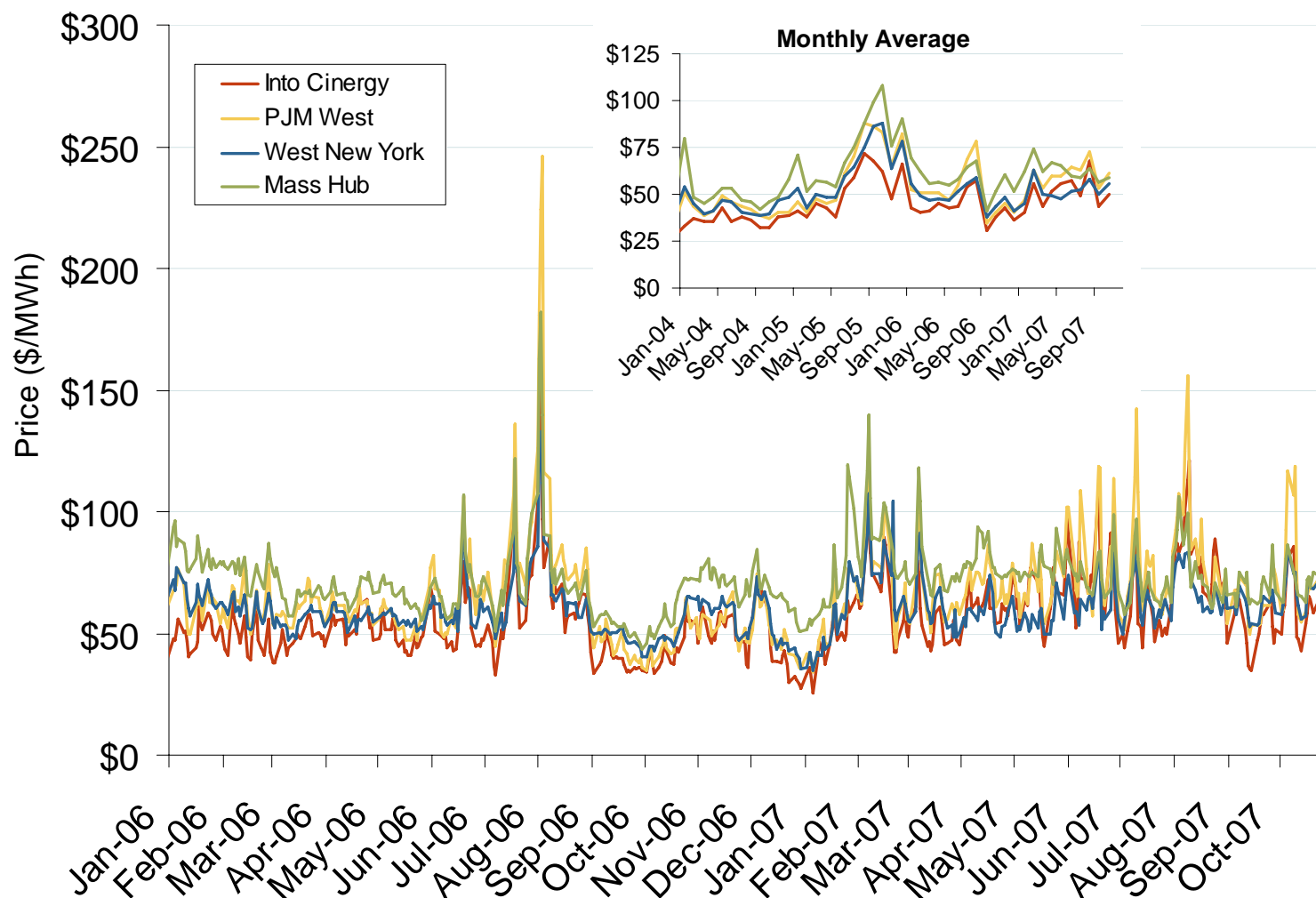
2007



A decorative graphic consisting of several red lines. A vertical line on the left side is intersected by three horizontal lines, creating a cross-like shape. The lines have a slight blur or motion effect.

# Prices and Market Analysis

## Eastern Daily Bilateral Day-Ahead On-Peak Prices

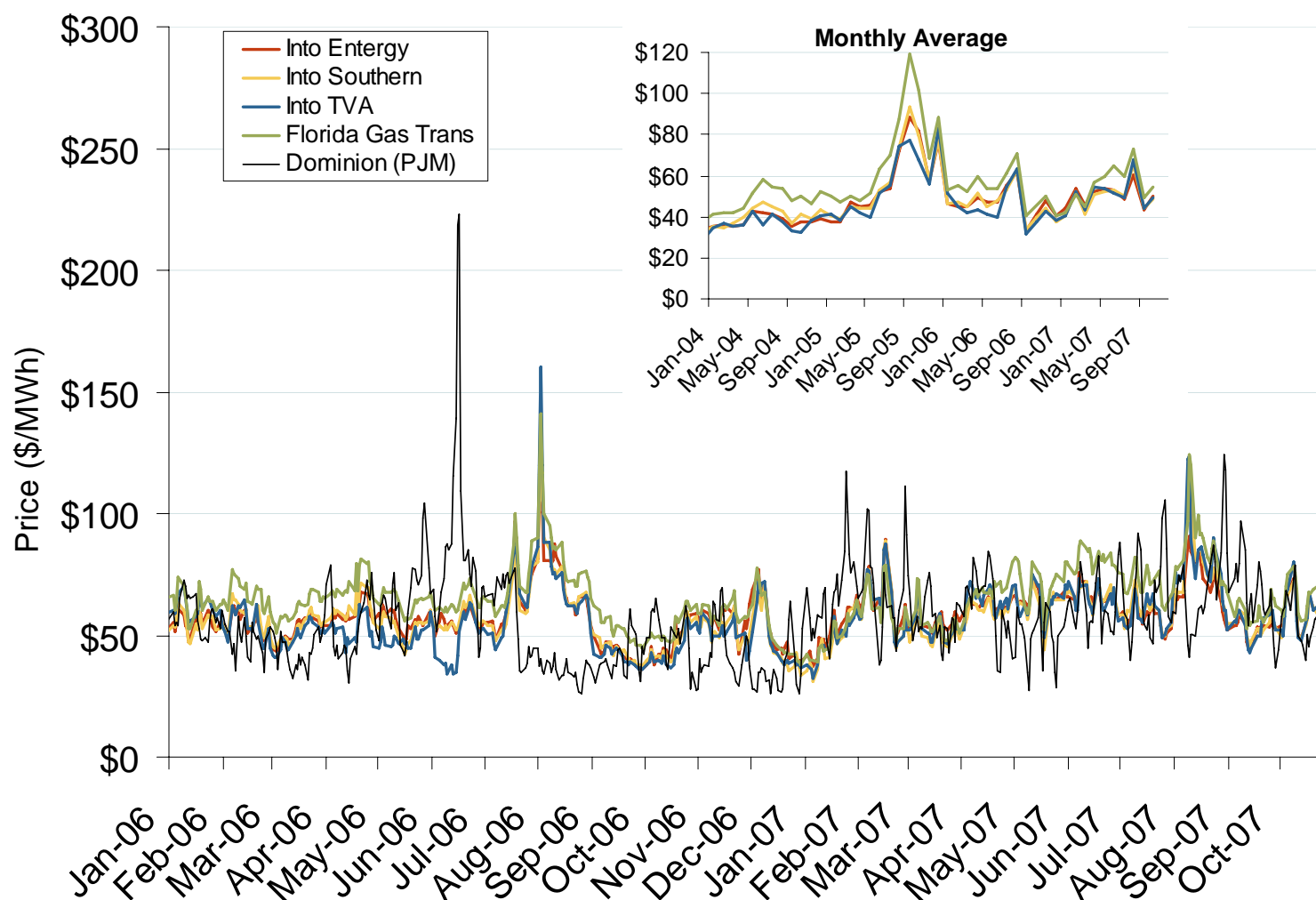


Source: Derived from Platts data.

Updated November 2, 2007

1014

## Southeastern Daily Bilateral Day-Ahead On-Peak Prices

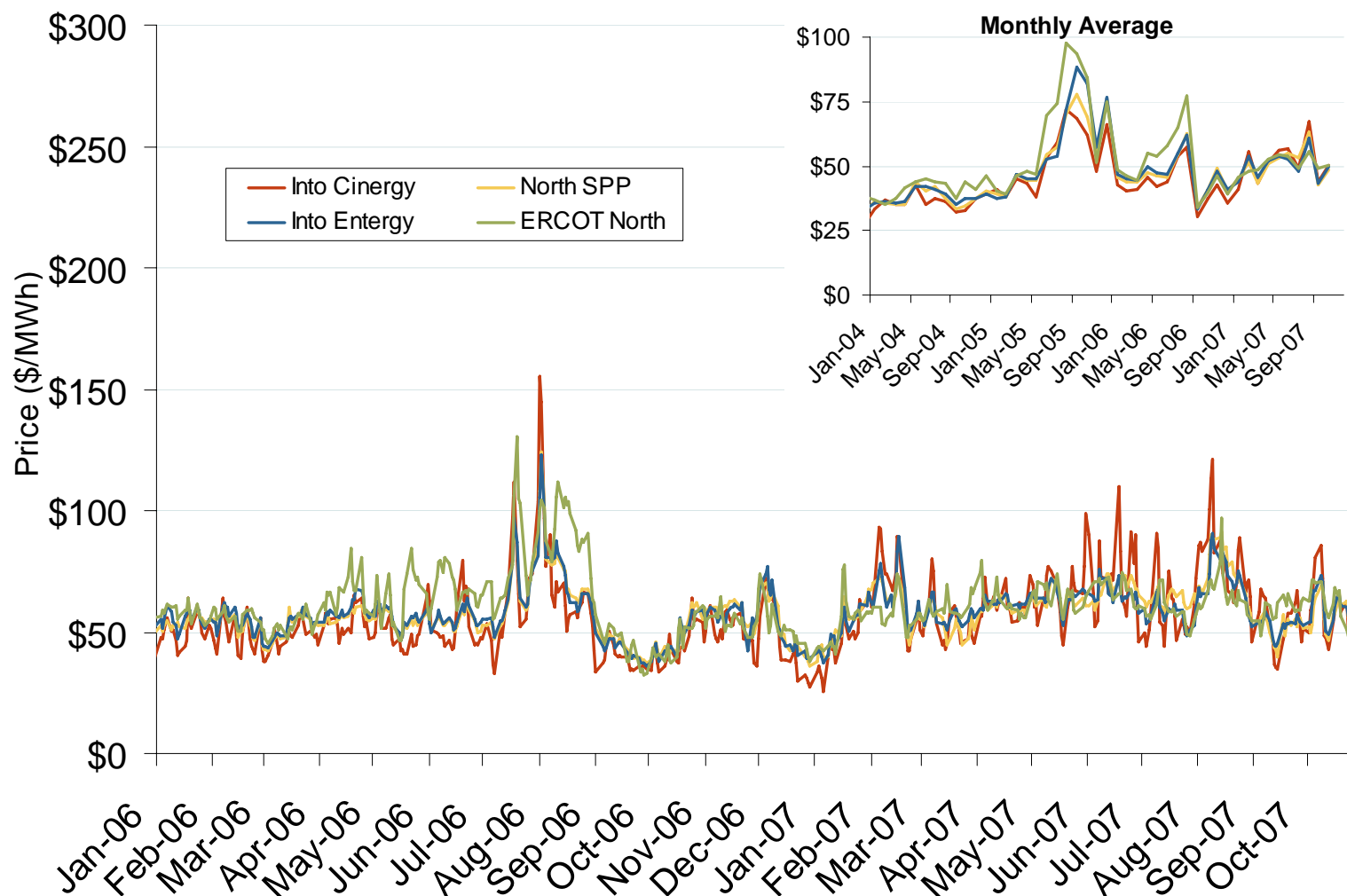


Source: Derived from *Platts* data.

Updated November 2, 2007

1059

## Midwestern Daily Bilateral Day-Ahead On-Peak Prices

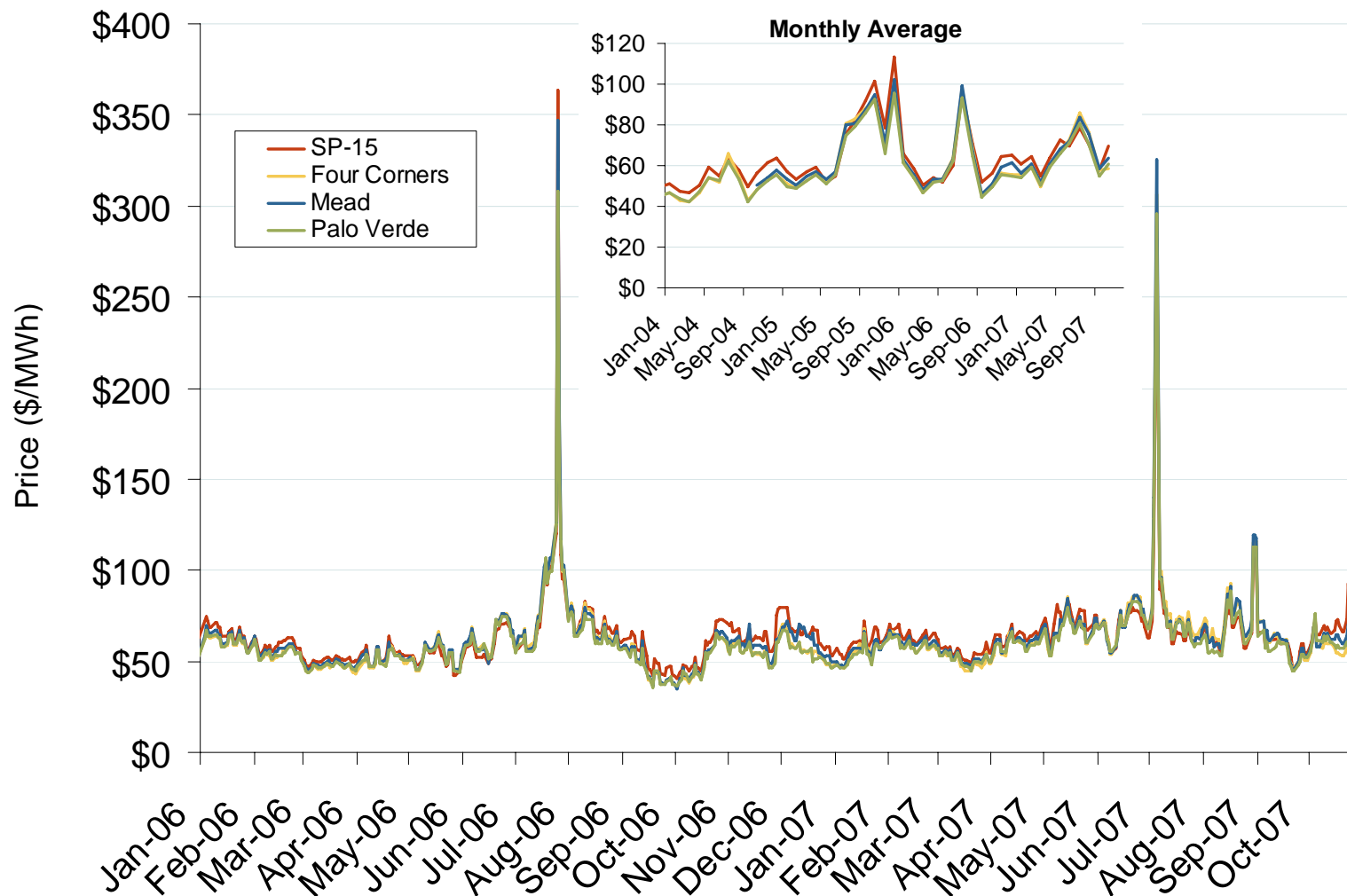


Source: Derived from Platts data.

Updated November 2, 2007

1073

## Southwestern Daily Bilateral Day-Ahead On-Peak Prices

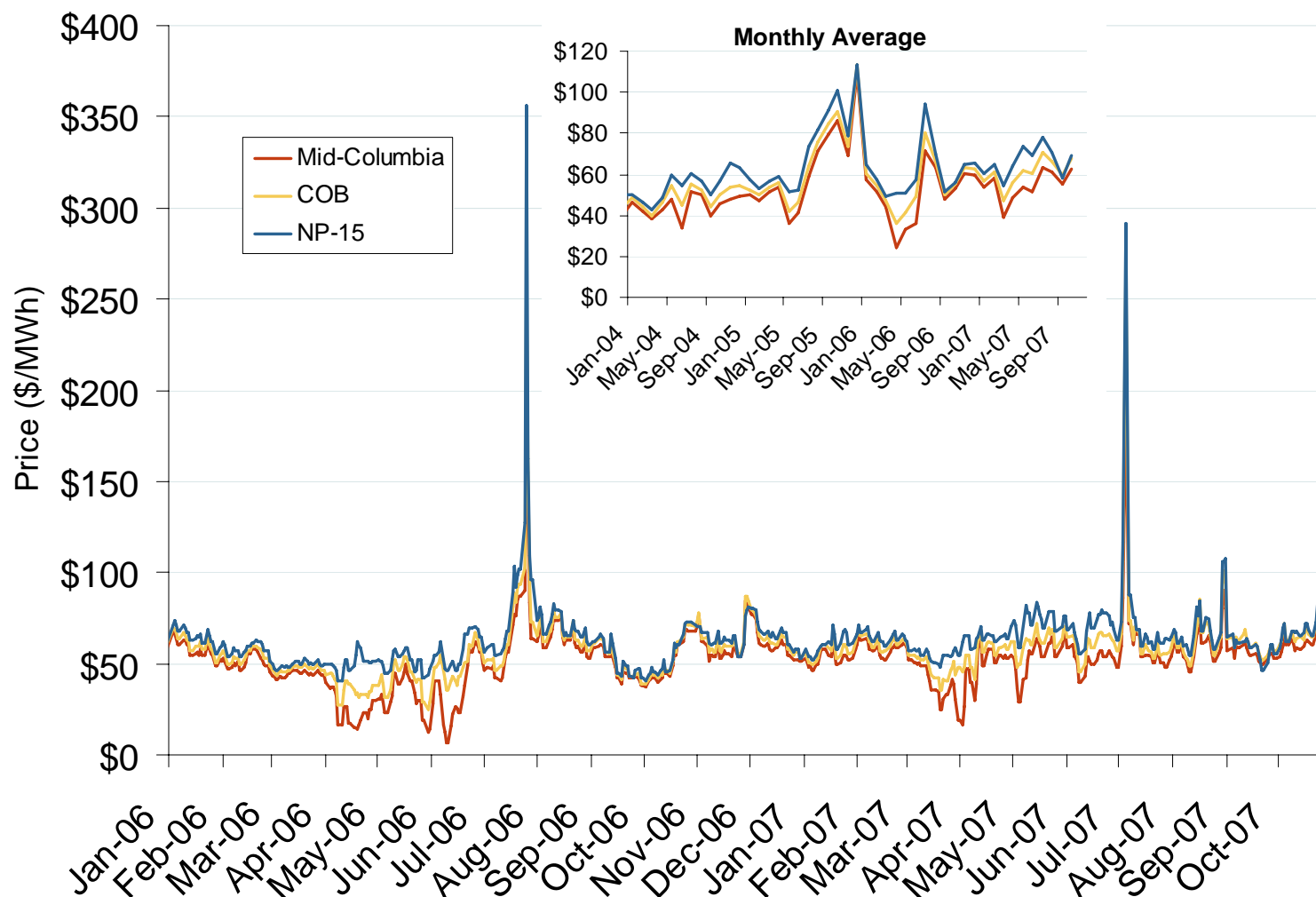


Source: Derived from Platts data.

Updated November 2, 2007

1066

## Northwestern Daily Bilateral Day-Ahead On-Peak Prices

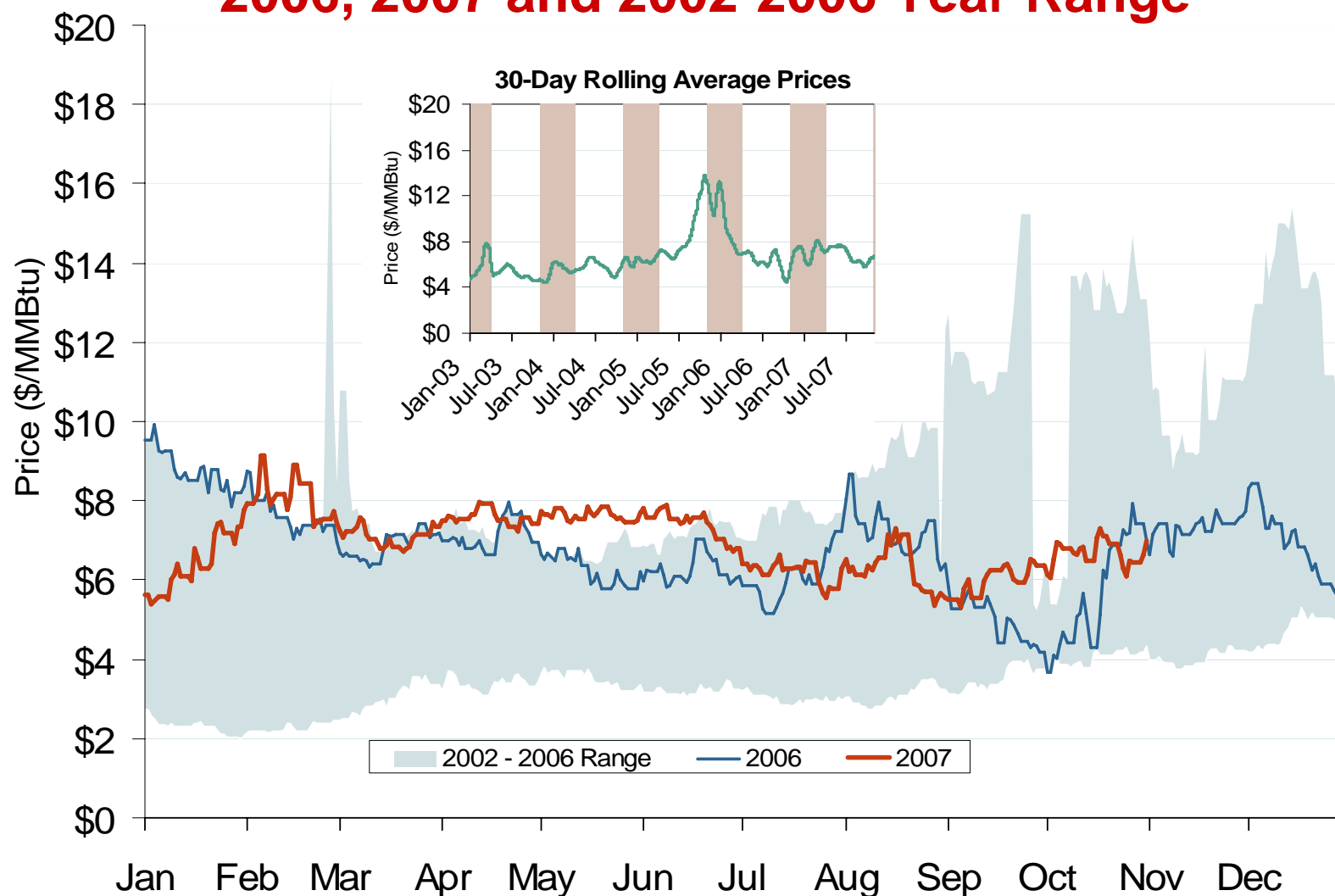
Source: Derived from *Platts* data.

Updated November 2, 2007

1041

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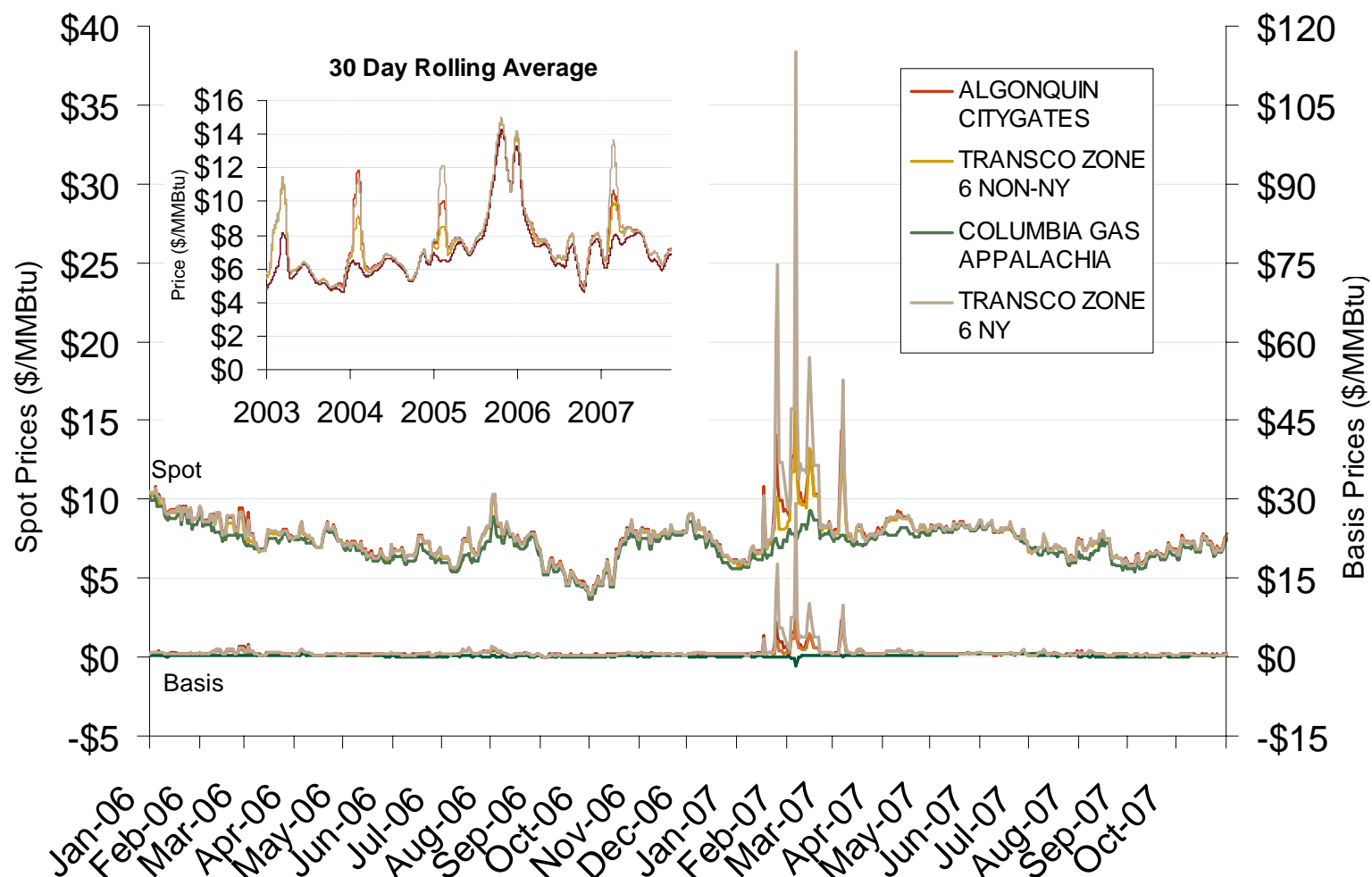
## Henry Hub Natural Gas Daily Spot Prices 2006, 2007 and 2002-2006 Year Range



Source: Derived from Platts data.

Updated November 2, 2007

## Northeastern Spot Prices and Basis

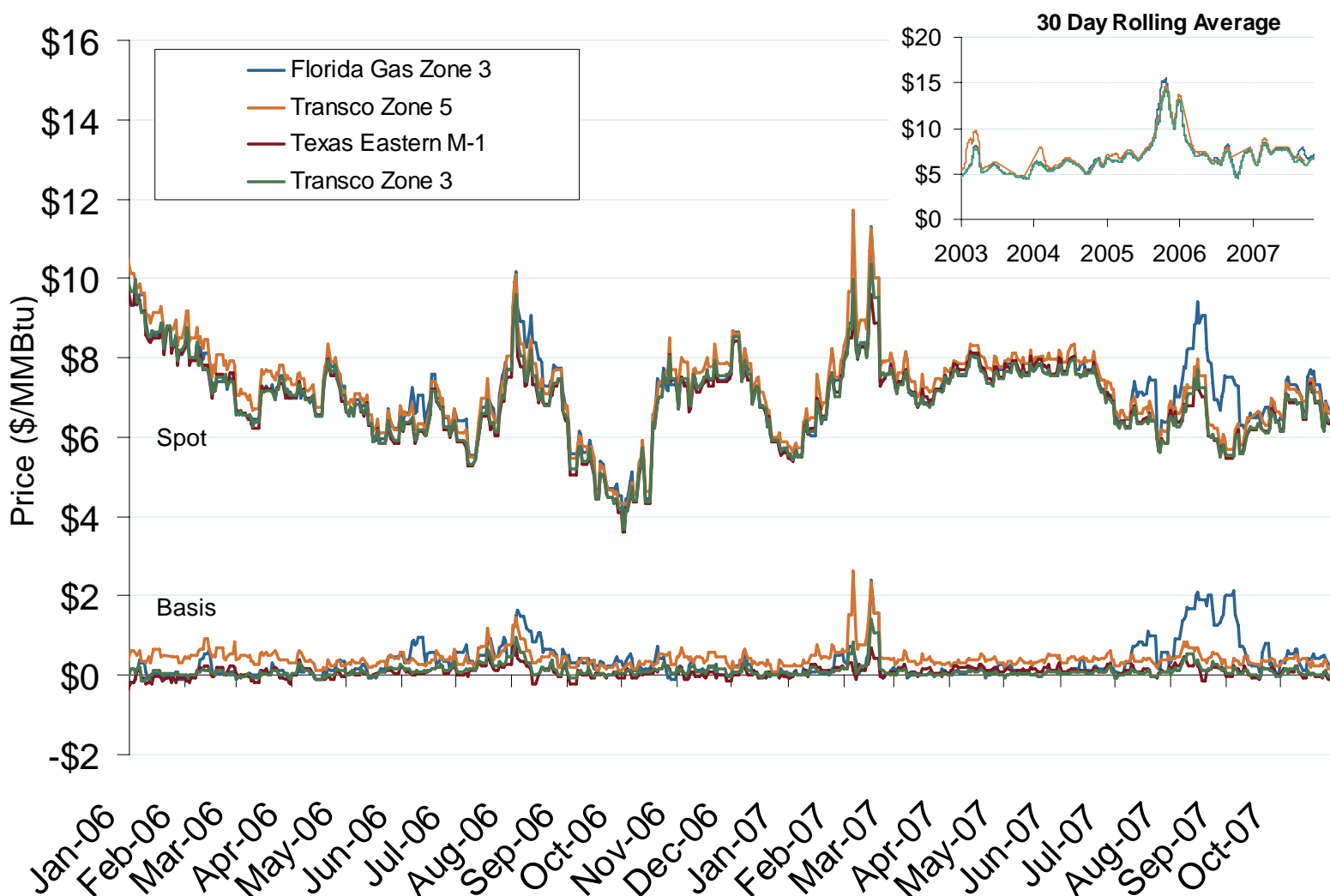
Source: Derived from *Platts* data.

Updated November 2, 2007

2030

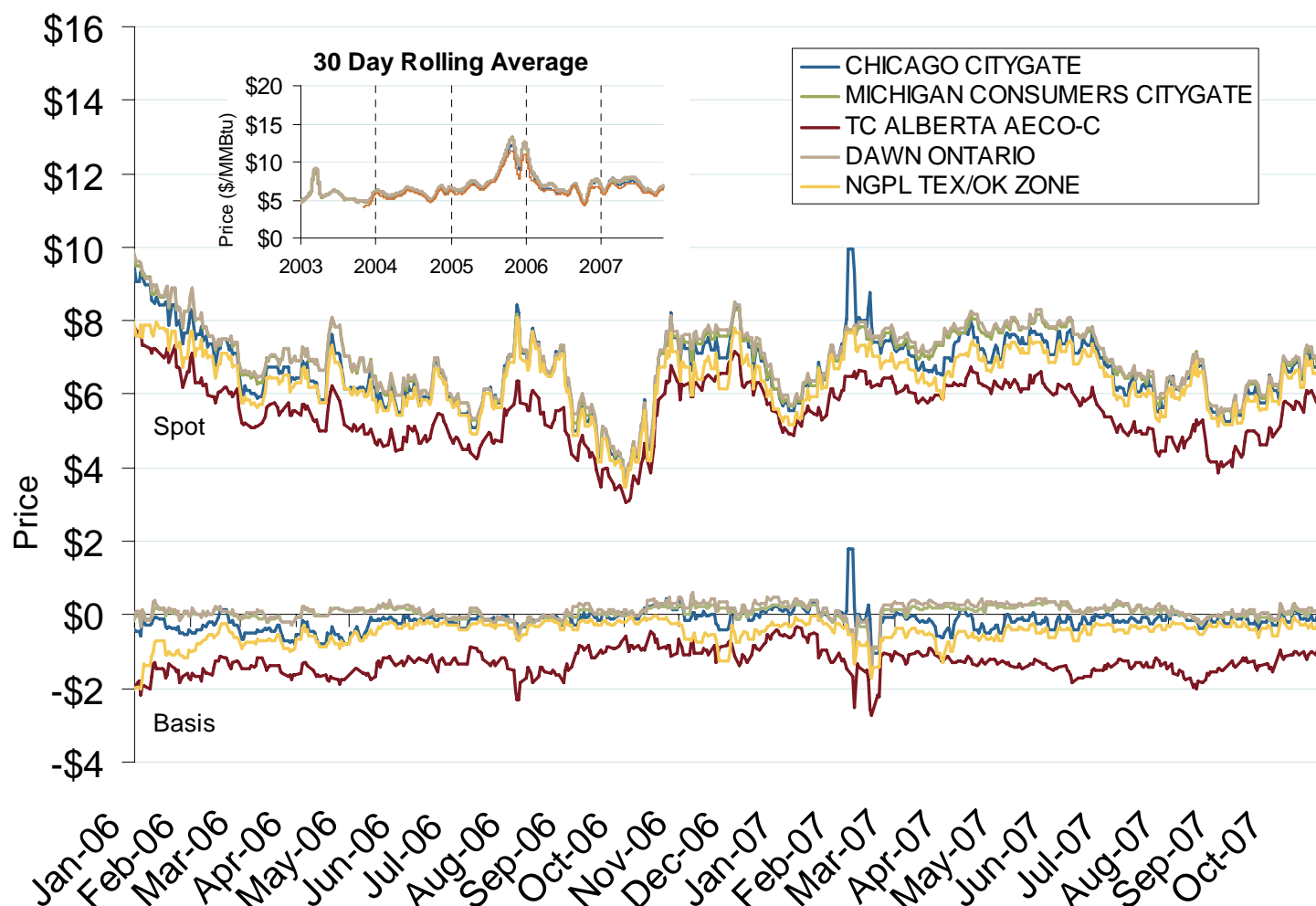


## Southeastern Day-Ahead Hub Spot Prices and Basis

Source: Derived from *Platts* data.

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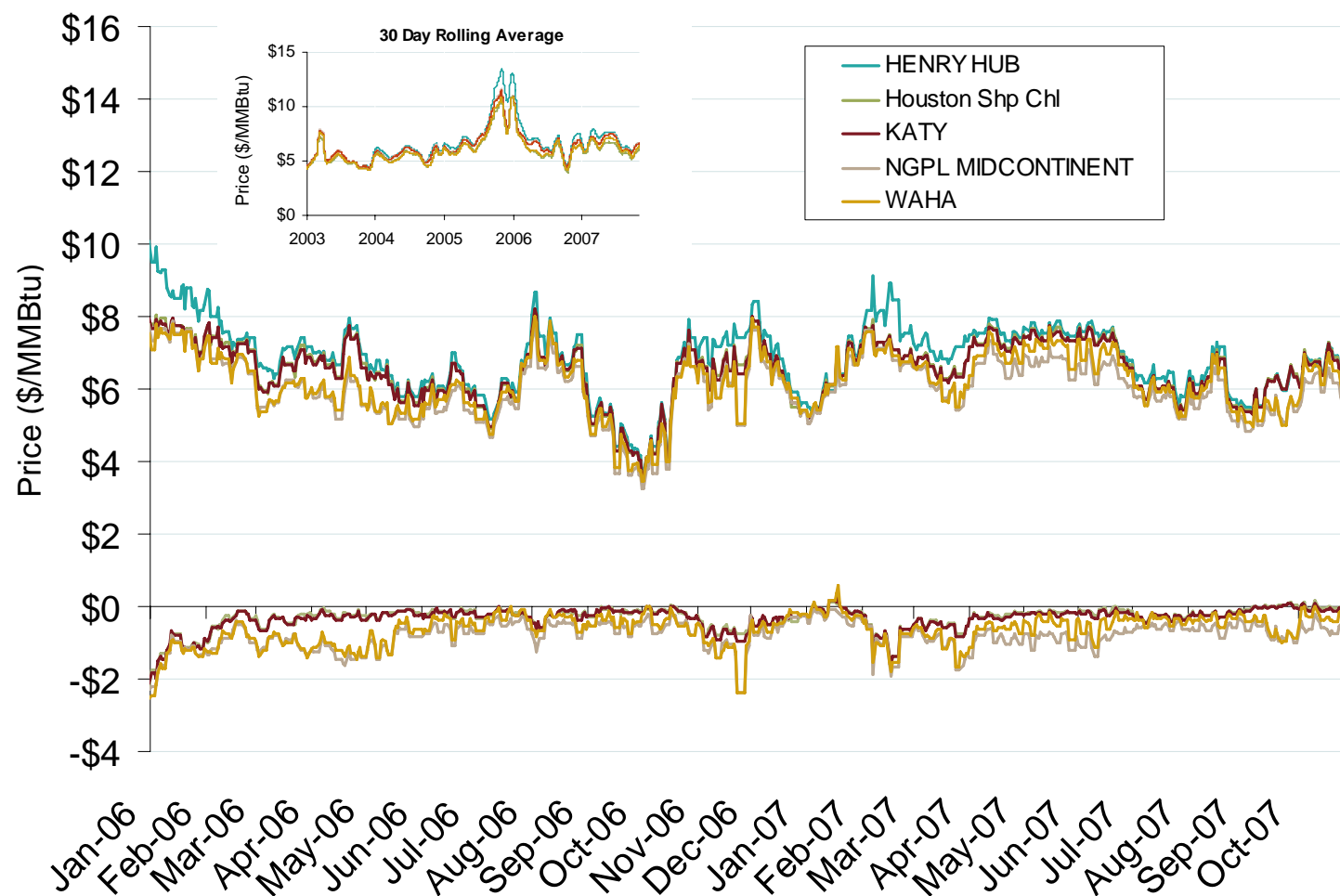
## Midwestern Day-Ahead Hub Spot Prices and Basis



Source: Derived from *Platts* data.

Updated November 2, 2007 2016

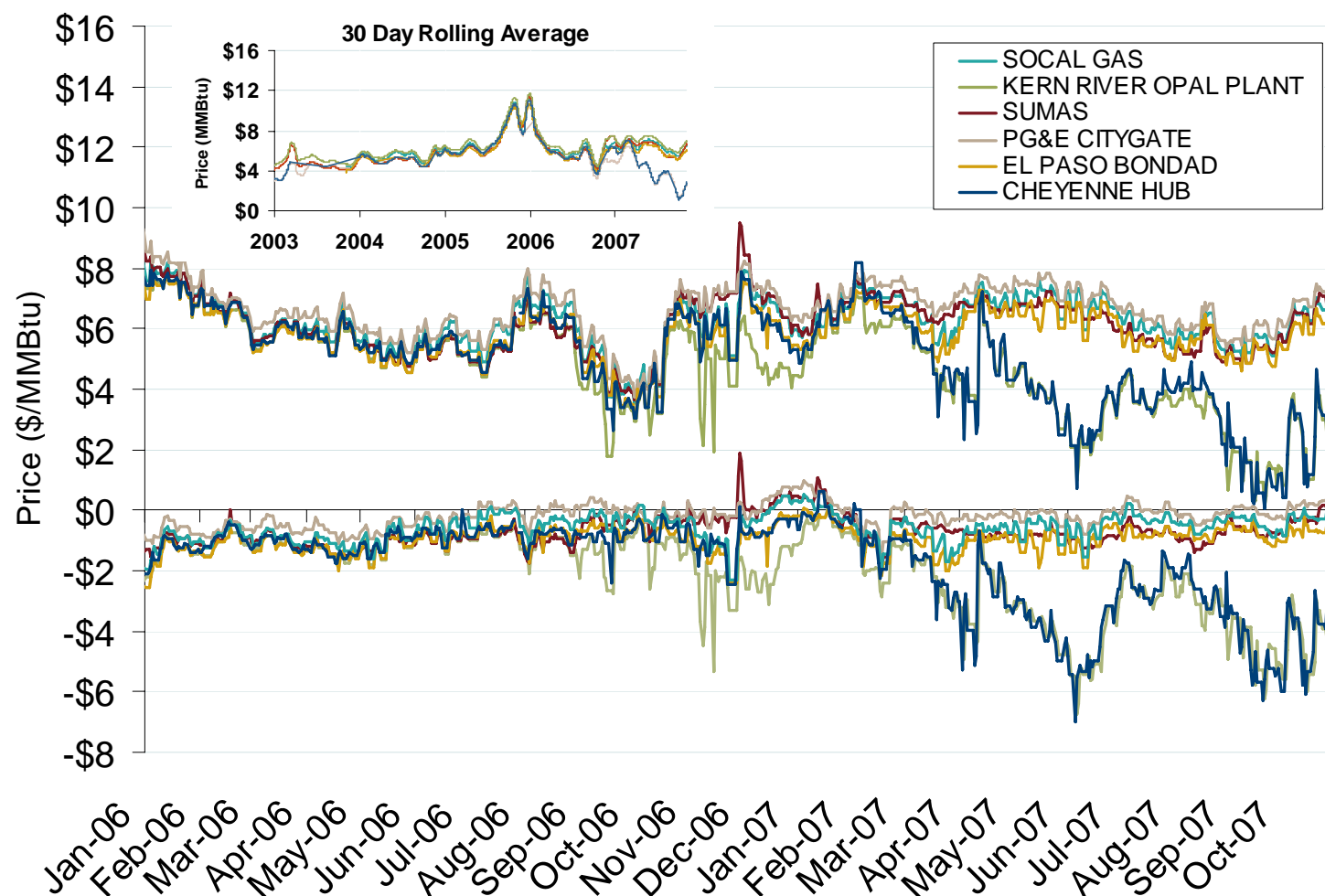
## South Central Day-Ahead Hub Spot Prices and Basis

Source: Derived from *Platts* data.

Updated November 2, 2007

2044

## Western Day-Ahead Hub Spot Prices and Basis

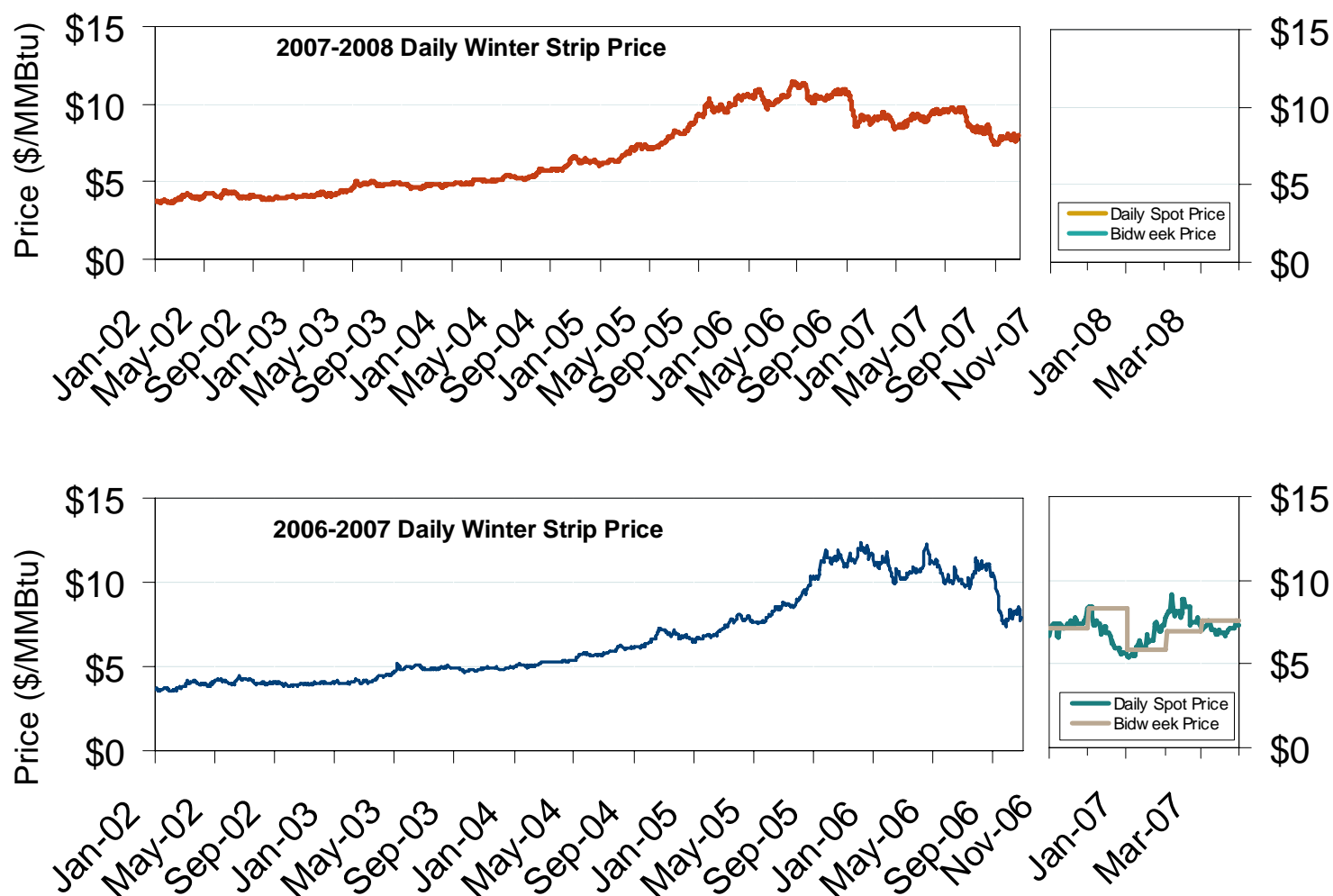


Source: Derived from *Platts* data.

Updated November 2, 2007 2072

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## Natural Gas Winter Futures Strip and Daily Henry Hub Spot and Bidweek Prices

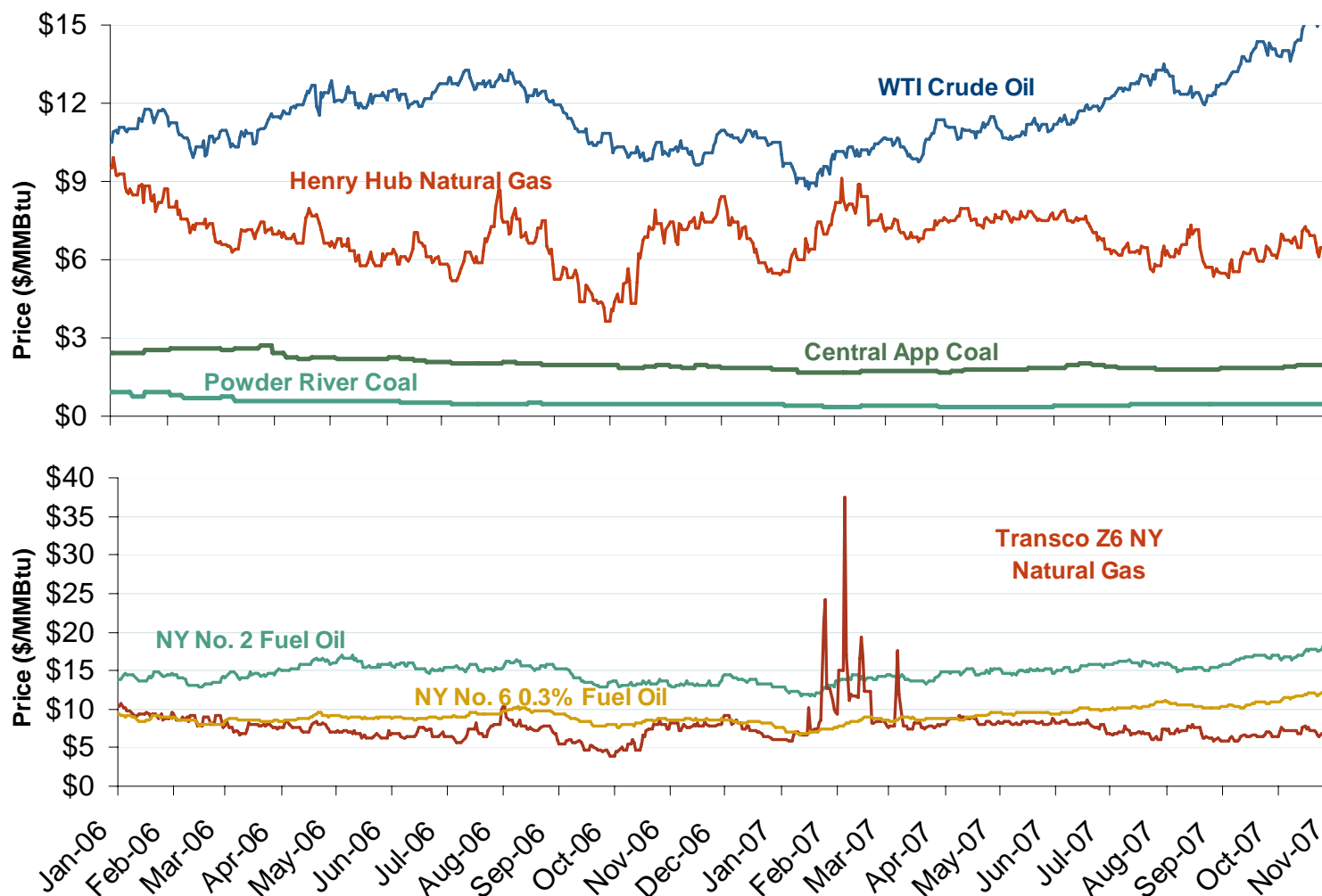


Source: Derived from Platts and Nymex data.

Updated November 2, 2007

2158

## Oil, Coal and Natural Gas Daily Spot Prices



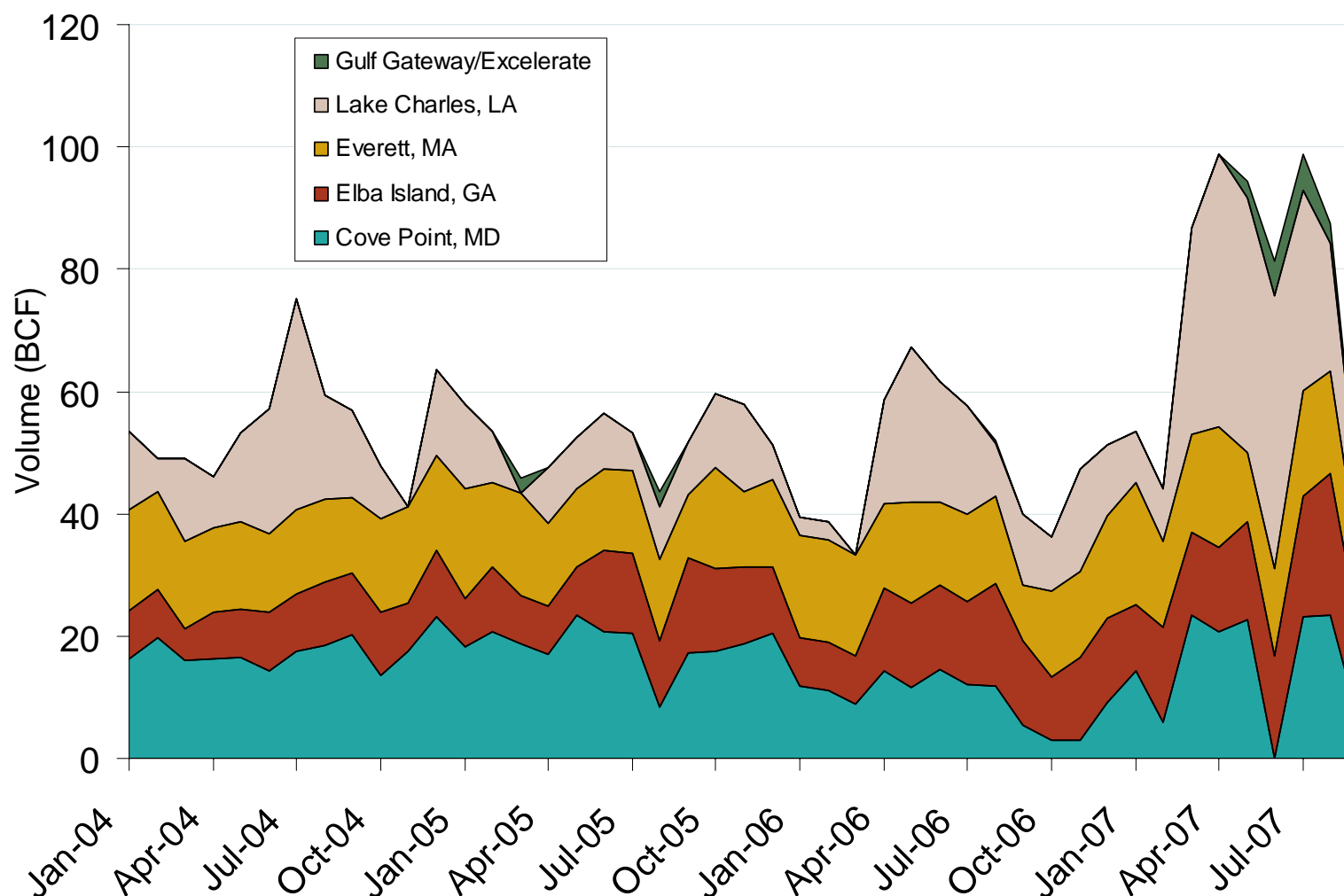
Source: Derived from ICE and Bloomberg data.

Note: Coal prices are quoted in \$/ton. Conversion factors to \$/MMBtu are based on contract specifications of 12,000 btus/pound for Central Appalachian coal and 8800 btus/pound for Powder River Basin coal.

Updated November 2, 2007

3001

## Monthly Gas Imports at Existing U.S. LNG Facilities

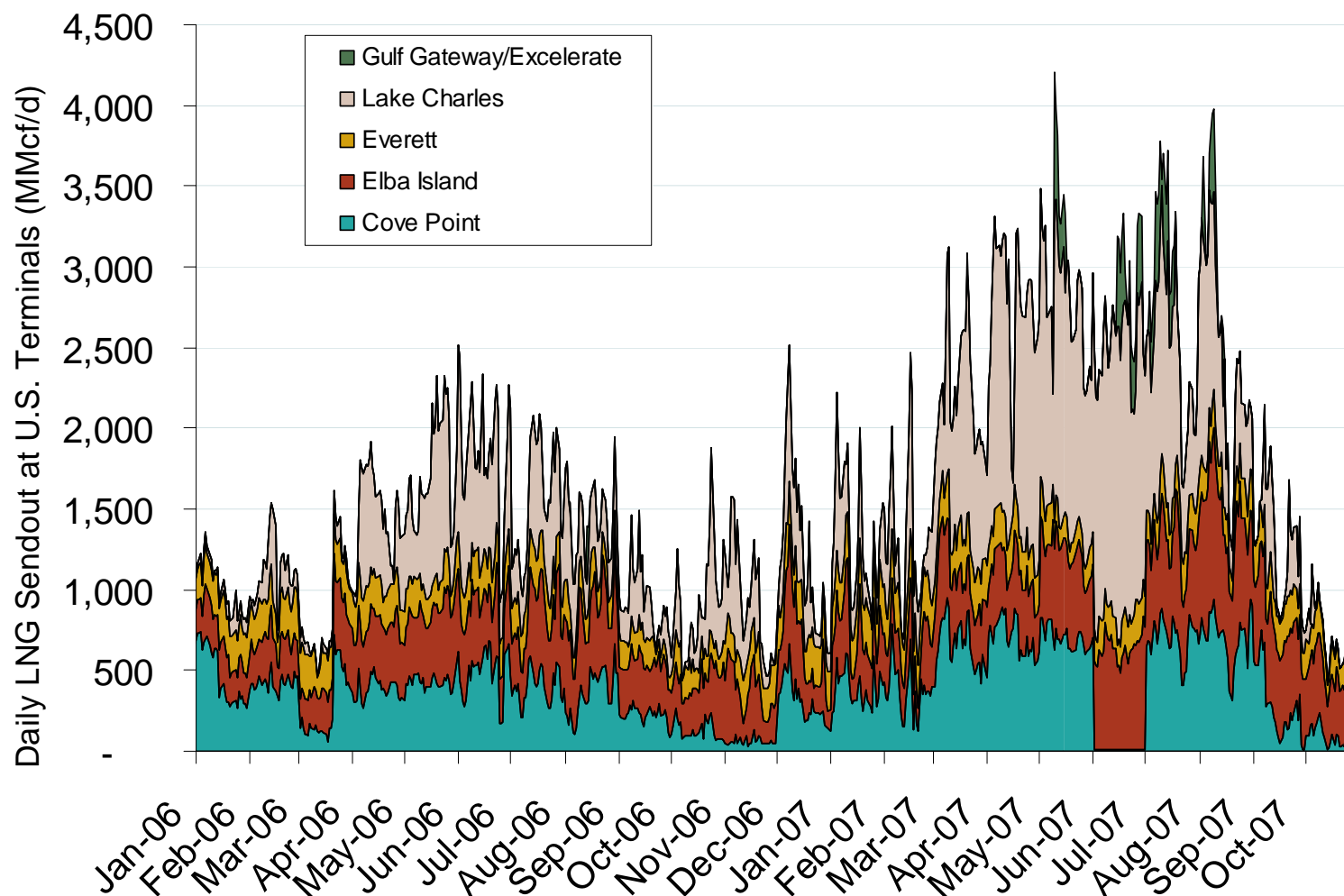


Source: Derived from EIA data.

Updated November 3, 2007

3014

## Daily Gas Sendout from Existing U.S. LNG Facilities



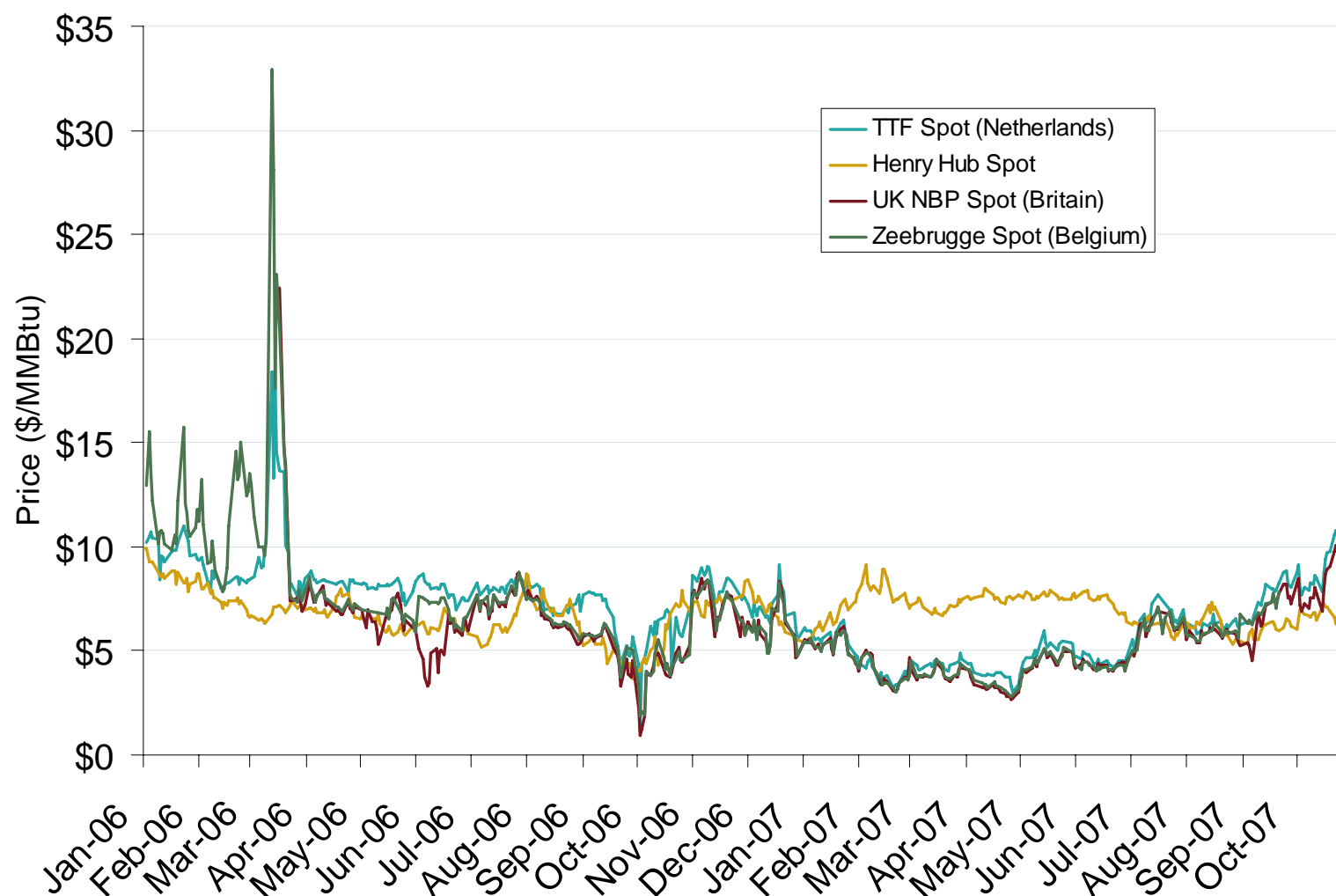
Source: Derived from *Bentek* data. Excludes Everett LNG delivered via truck and consumed by the Mystic plant.

Updated November 2, 2007

3007



## European and U.S. Spot Natural Gas Prices

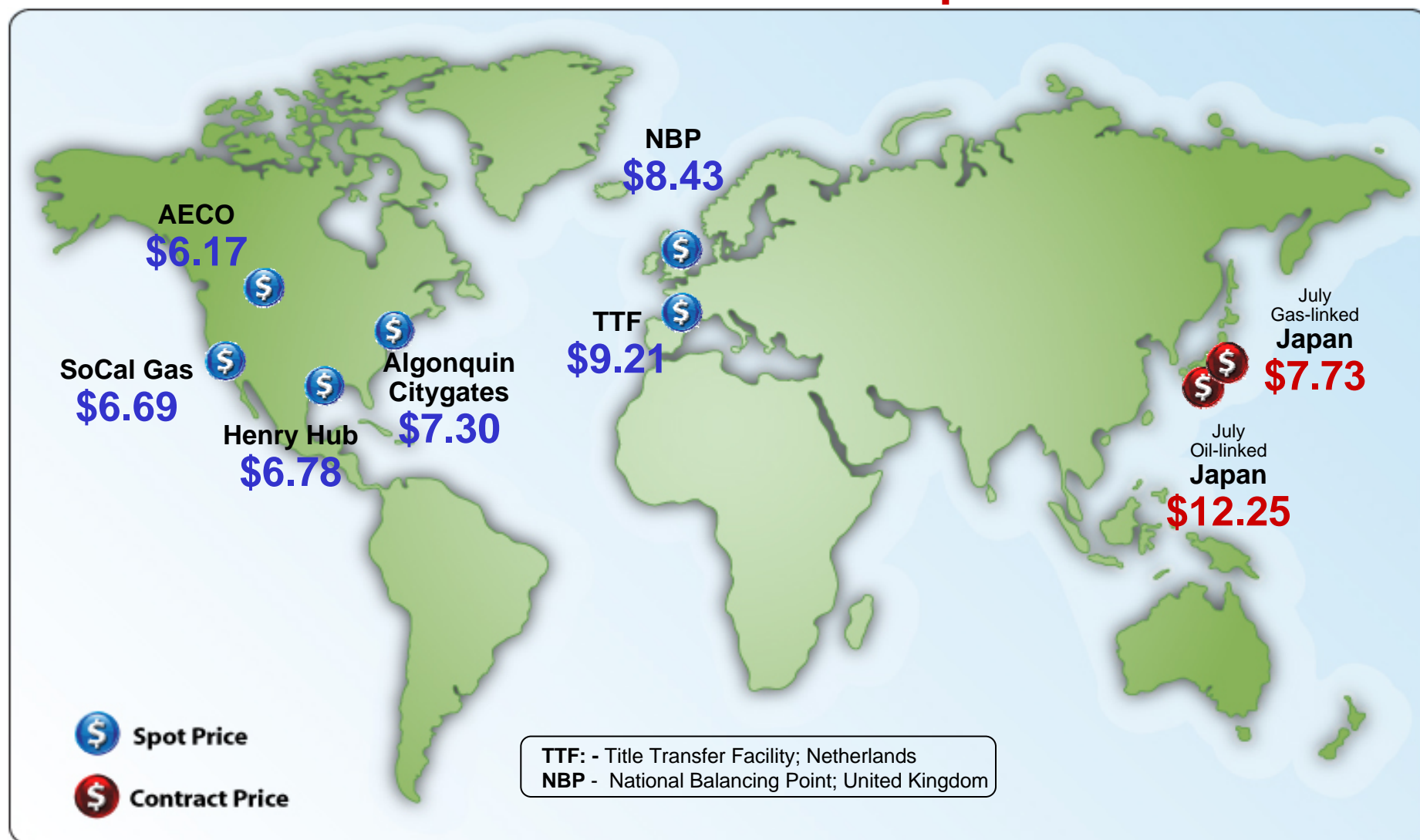


Source: Derived from *Bloomberg* and *ICE* data.

Updated November 2, 2007

3008

## World Natural Gas Prices for September 2007



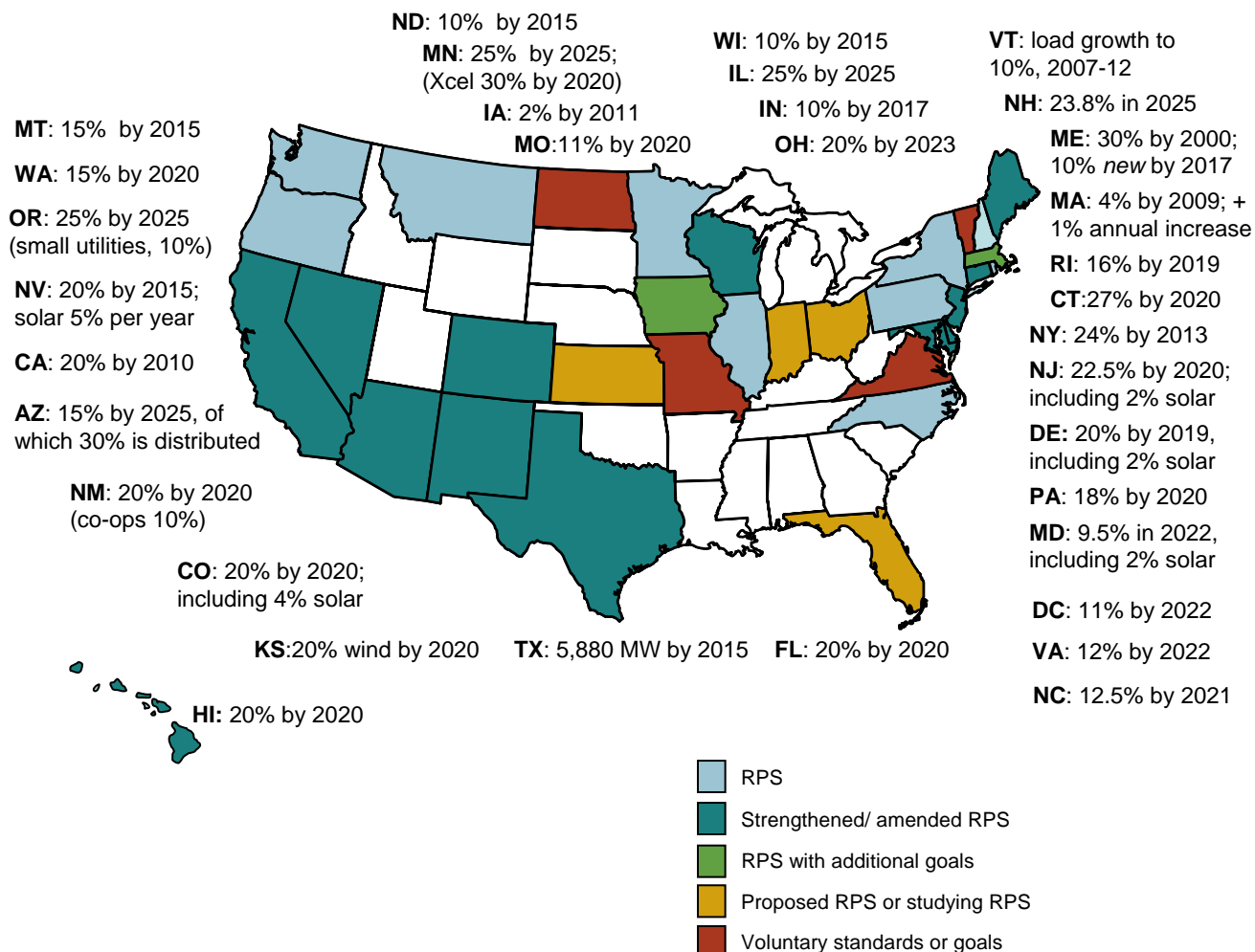
Source: Derived from *Bloomberg, ICE, ICAP and LNG Japan Corp.* data. Spot Price is a monthly average of daily prices. Contract Price is a monthly price. All prices in \$US/MMBtu.

Updated November 2, 2007

2165

## Renewable Energy Portfolio Standards (RPS)

- A RPS requires a percent of energy sales or installed capacity to come from renewable resources.
- 25 states and DC have renewable energy standards. Four more have goals that carry no penalty; Virginia's goals include financial incentives. Eight states passed or amended an RPS or goal in 2007.
- In October, the Texas PUC designated five "Competitive Renewable Energy Zones" and authorized transmission development to bring power from those windy areas to customers throughout Texas. California and the Western Governors Association are also pursuing transmission planning and cost recovery policies to support new renewable generation.

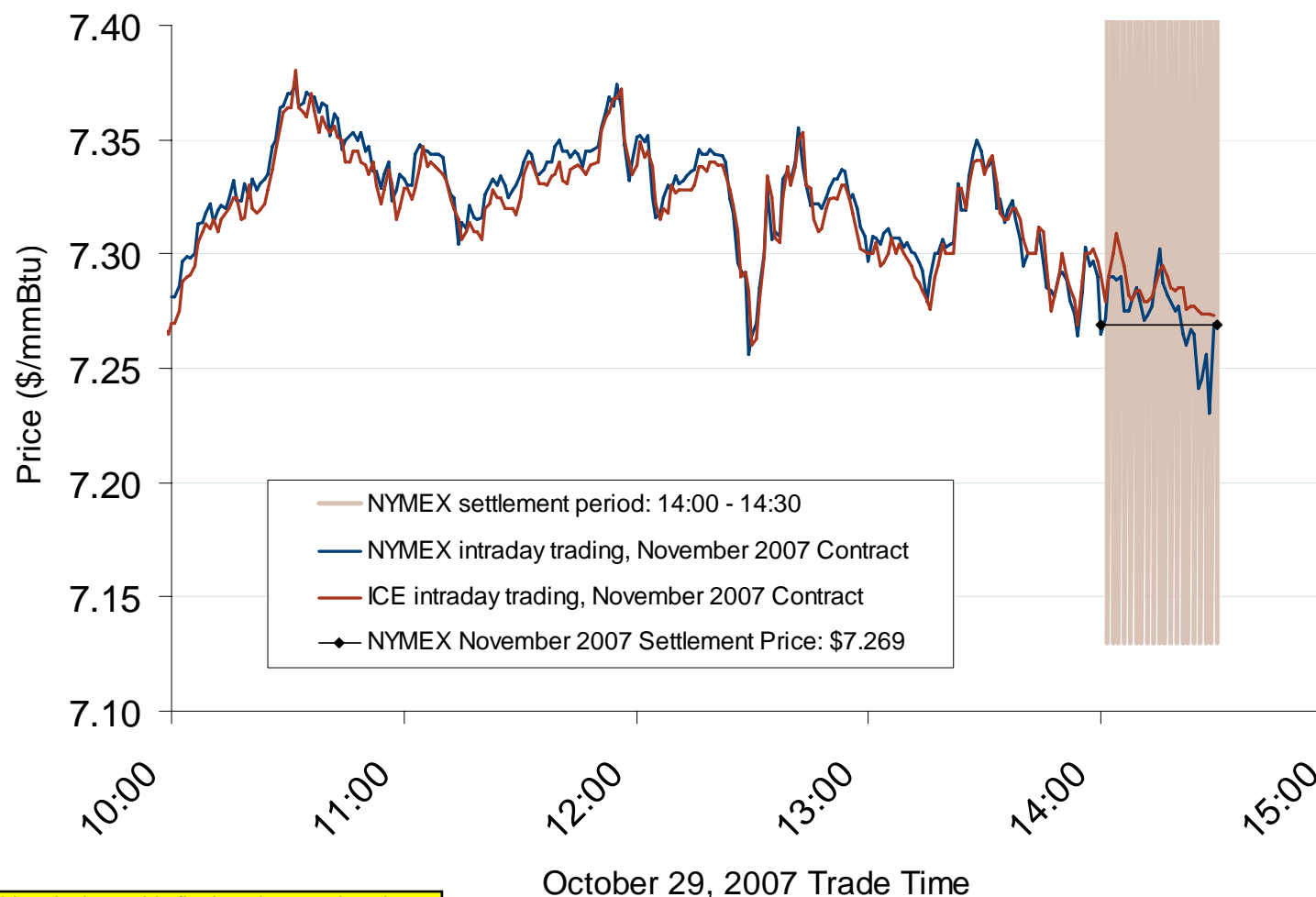


**Notes:** Alaska has no RPS

**Sources:** Derived from data in: EEI, EIA, LBNL, PUCs, State legislative tracking services, Database of State Incentives for Renewables and Efficiency, and the Union of Concerned Scientists.

Updated October 15, 2007

## November 2007 NYMEX and ICE Contract Final Settlement Day



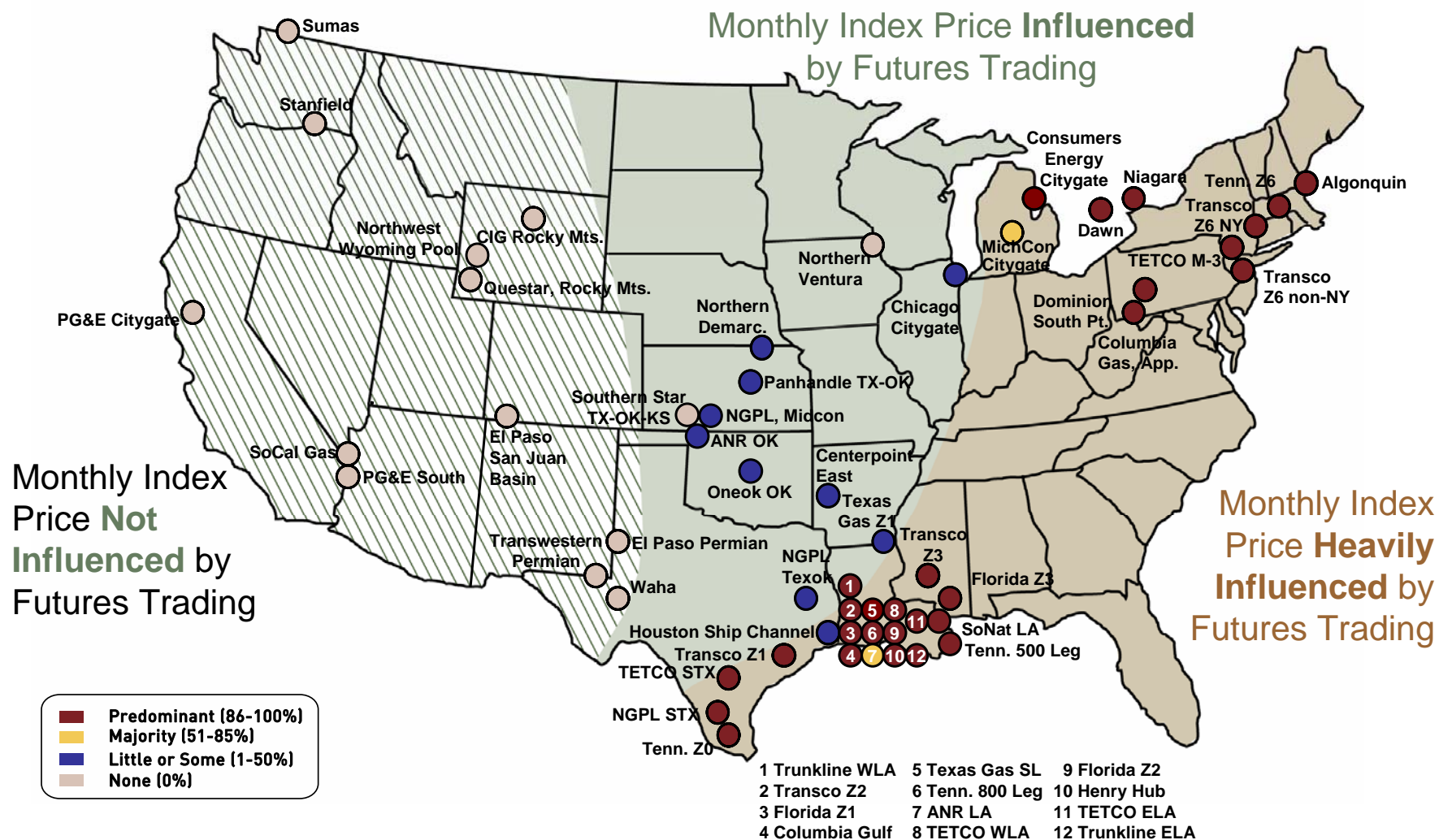
See 2003-2007 historical monthly final settlement day charts.

Source: Derived from Nymex and ICE data.

Created October 29, 2007

2166

## Use of Physical Basis in Natural Gas Price Indices at Major Trading Points, 2007

Source: Derived from *Platts* data for January through October 2007 indices.

Updated October 11, 2007